

## ***Tactical Data Network (TDN)***

### ***Description***

The TDN consists of a network of gateways and servers interconnected with one another and their subscribers via a combination of common user long-haul transmission systems, local area networks, and switched telephone systems. This network provides its subscribers with basic data transfer and switching services; access to strategic, supporting establishment, Joint, and other service component tactical data networks; network management capabilities; and, value-added services such as message handling, directory services, file sharing, and terminal emulation support.

The TDN Gateway will be deployed at Marine Expeditionary Force (MEF) and Major Subordinate Command (MSC) levels and will provide access to the Nonsecure Internet Protocol Router Network (NIPRNET), Secret Internet Protocol Router Network (SIPRNET), and other service tactical packet switched networks. It will be in a Heavy Variant High Mobility Multipurpose Wheeled Vehicle (H-HMMWV) mounted shelter for mobility and will include a second H-HMMWV for support. The TDN Server will be deployed to the MEF and MSCs down to the battalion/squadron level. It will be in four transit cases and will be 4-man portable. The TDN will give Marine Corps tactical users the ability to transition from Automated Digital Network to the mandated Defense Message System (DMS).

### ***Operational Impact***

The TDN augments the existing MAGTF communications infrastructure to provide the MAGTF commander an integrated data network, forming the communications backbone for MAGTF tactical data systems and DMS. The TDN provides its subscribers with basic data transfer and switching services; access to strategic, supporting establishment, Joint, and other service component tactical data networks; network management capabilities; and value-added services such as message handling, directory services, file sharing, and terminal emulation support. It will provide IP connectivity for Tactical Data Systems and the DMS.

### ***Program Status***

The program is in the procurement phase with Block I of the production phase IOC anticipated in early FY02.

#### ***Procurement Profile: FY01 FY02***

Quantity:	0	0
-----------	---	---

### ***Developer/Manufacturer***

General Dynamics — Communication Systems, Taunton, MA